

### North Dakota State University Math in CTE Project Principal Endorsement Form--Mathematics Teacher

\_\_\_\_\_ has agreed to participate in a research study of math-enhanced high school career and technical education (CTE). This teacher will be working with a CTE teacher who will be randomly selected from a pool of volunteers to be either in an experimental or control group for this project. We ask you to sign this form to indicate that you are informed about the study and support the teacher's participation in the study during the 2007-2008 academic year.

#### Background Information:

The purpose of this study is: to test whether high school students can learn mathematics in math-enhanced CTE courses. This involves a new way of teaching math in the regular CTE curriculum.

These are the requirements of the study that the teacher has agreed to meet if the CTE partner is selected to be in the experimental group:

- Participate in professional development workshops designed to have this teacher help a CTE teacher partner to teach mathematical concepts in a CTE area. These workshops will be held five days in the fall of 2007, four days during the spring of 2008, and one day in the summer of 2008. All costs associated with attending these workshops (including substitute teacher pay) will be paid by the research study.
- Assist the CTE teacher in the development of lesson plans and in preparation for teaching the mathematical concepts inherent in the occupational area throughout the year.

If the CTE partner is selected to be in the control group, this math teacher will not be involved in the study.

#### Contacts and Questions:

The researchers conducting this study are Assistant Professors at North Dakota State University. If you have questions, you may contact Dr. Brent Young at [brent.young@ndsu.edu](mailto:brent.young@ndsu.edu); phone: (701) 231-7439 or Dr. Mari Borr at [mari.borr@ndsu.edu](mailto:mari.borr@ndsu.edu); phone: (701) 231-7968. If you have any questions or concerns regarding the rights of research participants or to report a problem, contact the NDSU IRB at [ndsu.irb@ndsu.edu](mailto:ndsu.irb@ndsu.edu); phone: (701) 231-8908.

Please retain a copy of this form to keep for your records.

I have read the above information. I support the participation of the teacher indicated above in this study.

Printed name

Signature

Date \_\_\_\_\_